| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|----------|--|---|---------------------|---------|------------------|
| L1 | 12 | (("20020108484") or ("5142961") or ("5315057") or ("5548759") or ("5761684") or ("5792971") or ("6169242") or ("6173317") or ("6216149") or ("6225546") or ("6433266") or ("6541689")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/08/26 09:47 |
| S1 | 172 | midi same synthesizer and bus and audio and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 11:38 |
| S2 | 20336251 | midi near3 ((audio sound music) adj processor) @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 11:39 |
| S3 | 15 | midi near3 ((audio sound music) adj processor) and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 11:40 |
| S4 | 11 | midi same chip same (sound adj card) and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 11:43 |
| S5 | 20336266 | wavetable and sound adj card and midi @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 11:43 |
| S6 | 54 | wavetable and sound adj card and midi and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 11:47 |
| S7 | 20336248 | "midi.ti." @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 11:47 |
| S8 | 0 | "midi.ti." and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 11:47 |

| S9 | 491 | midi.ti. and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 11:47 |
|-----|-----|---|---|----|-----|------------------|
| S10 | 4 | midi.ti. and wavetable and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 11:53 |
| S11 | 13 | midi adj processor and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 11:54 |
| S12 | 63 | wavetable adj synthesizer and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 12:05 |
| S13 | 419 | (84/645).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 12:05 |
| S14 | 0 | ("l13and@ad<20010307").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 12:05 |
| S15 | 363 | S13 and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 12:07 |
| S16 | 10 | multiple adj audio adj streams and midi | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 12:26 |
| S17 | 2 | ("5717154").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 14:15 |
| S18 | 0 | (logical adj bus) and buffer and (midi or wavetable) and synthesizer and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 14:17 |

| S19 | 245 | (bus) and buffer and (midi or wavetable) and synthesizer and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/11 14:17 |
|-----|---------|--|---|----|-----|------------------|
| S20 | 7 | ("4922794" "5486644" "5539145" "5553011" "5591930" "5596159" "5604324").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:03 |
| S21 | 92 | wavetable and synthesizer and buffer and (logical bus\$2) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:05 |
| S22 | 76 | wavetable and synthesizer and buffer and (logical bus\$2) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:06 |
| S23 | 23 | buffer and (multiple adj bus\$3) and (audio sound music) adj (stream!) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:08 |
| S24 | 0 | buffer and (multiple adj bus\$3) and multiple adj (audio sound music) adj (stream!) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:07 |
| S25 | 0 | buffer and (logical adj bus\$3) and (audio sound music) adj (stream!) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:08 |
| S26 | 3258177 | logical adj bus\$3 and (audio sound music) @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:09 |
| S27 | 147 | logical adj bus\$3 and (audio sound music) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:11 |
| S28 | 0 | (map adj audio adj data) near3 bus\$2 and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:12 |
| S29 | 0 | (map adj audio) near3 bus\$2 and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:12 |
| S30 | 11 | (rout\$4 adj audio) near3 bus\$2 and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:13 |
| S31 | 26 | ((map\$3 rout\$4) adj (audio music sound)) and (multiple adj bus\$3) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:15 |
| S32 | 0 | ((map\$3 rout\$4) adj (audio music sound)) same (multiple adj bus\$3) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:14 |
| S33 | 0 | (wavetable adj synthesizer) and (multiple adj (instrument! sound! audio)) and (multiple adj bus\$3) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:17 |

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| S34 | 3 | (wavetable adj synthesizer) and (multiple adj (instrument! sound! audio)) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:21 |
| S35 | 6 | (wavetable adj synthesizer) and ((multiple "sixty four" "64" "thirty two" "32" "sixteen" "16") adj (channel!)) and buffer and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:22 |
| S36 | 7 | ("4922794" "5486644" "5539145" "5553011" "5591930" "5596159" "5604324").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:28 |
| S37 | 13 | ("4922794" "5486644" "5539145" "5553011" "5591930" "5596159" "5604324").PN. OR ("5717154").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:45 |
| S38 | 0 | (bus adj corresponds) near3 (one adj output) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:46 |
| S39 | 390 | (bus) near3 (one adj output) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:46 |
| S40 | 3 | ((one each) adj bus) near3 (one adj output) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:47 |
| S41 | 4 | ((single each one) adj bus) near3 ((single each one) adj output) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:48 |
| S42 | 0 | ((single each one) adj bus) near3 ((audio music sound) adj (output stream data)) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:49 |
| S43 | 16 | ((single each one multiple) adj bus) same((audio music sound) adj (output stream data)) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:51 |
| S44 | 0 | (one single) adj bus\$2 near correspond near (audio sound music) adj data | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:56 |
| S45 | 0 | ((wavetable adj synthesizer) near5 (multiple adj output!)) same (dsp near2 input) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:57 |
| S46 | 0 | ((wavetable adj synthesizer) near5 (multiple adj output!)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 10:58 |
| S47 | 10 | ((wavetable adj synthesizer) near5 (voices)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 11:05 |
| S48 | 1 | (audio music sound voice) and ((right left) adj channel adj buffer near5 output) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 11:08 |

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| S49 | 2 | (audio music sound voice) same ((right left) adj channel adj buffer) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 11:09 |
| S50 | 15 | (audio music sound voice) same ((right left mono monorail) adj buffer) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 11:16 |
| S51 | 114 | (audio music sound voice) and ((right left mono monorail) adj buffer) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 11:17 |
| S52 | 0 | (audio music sound voice) and ((right mono monorail) adj buffer) and ((leftmono monorail) adj buffer)and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 11:17 |
| S53 | 21 | (audio music sound voice) and ((right mono monorail) adj buffer) and ((left mono monorail) adj buffer) and @ad<"20010307" | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 11:26 |
| S54 | 2 | ("5230344").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 12:00 |
| S55 | 0 | (computer adj program) same (receive adj (audio music sound) adj streams) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 12:01 |
| S56 | 0 | (program) same (receive adj (audio music sound) adj streams) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 12:02 |
| S57 | 536 | (program) same ((audio music sound) adj streams) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 12:02 |
| S58 | 14 | (computer adj program) same ((audio music sound) adj streams) and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 14:50 |
| S59 | 0 | ("multi channel" multichannel "multi-channel") near3 (wavetable adj synthesizer) and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 14:52 |

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| S60 | 0 | ("multi channel" multichannel "multi-channel") same (wavetable adj synthesizer) and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 14:52 |
| S61 | 7 | ("multi channel" multichannel "multi-channel") same (wavetable) and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 14:55 |
| S62 | 0 | "Accessing Audio Processing Components in an Audio Generation System" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 15:02 |
| S63 | 3 | Schmidt-Brian.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 15:03 |
| S64 | 0 | fay-todor.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 15:04 |
| S65 | 2046 | fay.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 15:04 |
| S66 | 0 | fay-todor.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 15:04 |
| S67 | 224 | todor.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 15:05 |
| S68 | 2293116 | SYNTHESIZER MULTI-BUS COMPONENT | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 15:06 |
| S69 | 5 | "SYNTHESIZER MULTI-BUS COMPONENT" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 15:06 |

| S73 | 6 | (("5734119") or ("5890017") or ("5902947")).PN. | US-PGPUB; USPAT; EPO; JPO; | OR | OFF | 2004/11/12 15:29 |
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| | | | DERWENT; IBM_TDB | | | |
| S74 | 2 | ("5054360").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/12 15:30 |
| S75 | 571 | (700/94).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 14:47 |
| S76 | 2 | ("5890017").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 11:11 |
| S77 | 2 | ("5717154").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 14:03 |
| S78 | 2 | ("6100461").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 14:03 |
| S79 | 3 | (("5,890,017") or ("5,717,154") or ("6,100,461")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/20 11:40 |
| S80 | 1710 | dynamic\$4 near2 bus\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/20 11:40 |
| S81 | 34 | dynamic\$4 near2 bus\$3 same (audio sound music voice) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/20 11:40 |
| S82 | 23 | dynamic\$4 near2 bus\$3 same (audio sound music voice) and @ad<"20010307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/20 15:15 |

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| S83 | 26 | (("5303218") or ("5511002") or ("5734119") or ("5842014") or ("5852251") or ("5890017") or ("5902947") or ("5942707") or ("5977471") or ("6152856") or ("6175070") or ("6357039") or ("6658309")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/20 15:15 |
| S84 | 13 | (("5303218") or ("5511002") or ("5734119") or ("5842014") or ("5852251") or ("5890017") or ("5902947") or ("5942707") or ("5977471") or ("6152856") or ("6175070") or ("6357039") or ("6658309")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/20 15:15 |
| S85 | 0 | (generate create) near logical adj bus\$3 and @ad<"200010317" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/23 15:39 |
| S86 | 6 | (generate create) with logical adj bus\$3 and @ad<"200010317" | US-PGPUB; USPAT | OR | OFF | 2005/08/23 15:41 |
| S87 | 514 | logical adj bus\$3 and @ad<"200010317" | US-PGPUB; USPAT | OR | OFF | 2005/08/23 15:41 |
| S88 | 17 | (audio sound music voice) with logical adj bus\$3 and @ad<"200010317" | US-PGPUB; USPAT | OR | OFF | 2005/08/23 15:44 |
| S89 | 1 | (381/4 or "84"/\$) and logical adj bus\$3 and @ad<"200010317" | US-PGPUB; USPAT | OR | OFF | 2005/08/23 15:44 |
| S90 | 5 | ("381"/\$ or "84"/\$) and logical adj bus\$3 and @ad<"200010317" | US-PGPUB; USPAT | OR | OFF | 2005/08/23 15:47 |
| S91 | 258 | (audio sound music voice) and logical adj bus\$3 and @ad<"200010317" | US-PGPUB; USPAT | OR | OFF | 2005/08/23 15:47 |
| S92 | 173 | (audio sound music voice) and logical adj bus\$3 and @ad<"20010317" | US-PGPUB; USPAT | OR | OFF | 2005/08/23 15:50 |
| S93 | 6 | "5890017" | US-PGPUB; USPAT | OR | OFF | 2005/08/23 16:18 |
| S94 | 2 | (("5778187") or ("20010053944")). PN. | US-PGPUB; USPAT | OR | OFF | 2005/08/23 16:18 |
| S95 | 1 | ("5778187").PN. | US-PGPUB; USPAT | OR | OFF | 2005/08/24 11:23 |
| S96 | 5 | multiple adj channel with("digital audio broadcast" DAB) and @ad<"20010307" | US-PGPUB; USPAT | OR | OFF | 2005/08/25 10:06 |
| S97 | 827 | satellite adj radio and @ad<"20010307" | US-PGPUB; USPAT | OR | OFF | 2005/08/25 10:06 |
| S98 | 0 | (satellite adj radio) with "multiple channel!" and @ad<"20010307" | US-PGPUB; USPAT | OR | OFF | 2005/08/25 10:07 |

| S99 | 0 | (satellite adj radio) with "multiple channel" and @ad<"20010307" | US-PGPUB; USPAT | OR | OFF | 2005/08/25 10:07 |
|----------|----|--|--------------------|----|-----|------------------|
| S10 0 | 0 | (satellite adj radio) with "multiple channels" and @ad<"20010307" | US-PGPUB; USPAT | OR | OFF | 2005/08/25 10:07 |
| S10 1 | 1 | (satellite adj radio) same "multiple channels" and @ad<"20010307" | US-PGPUB; USPAT | OR | OFF | 2005/08/25 10:35 |
| S10 2 | 0 | dual adj tuner near radio with digital and @ad<"20010307" | US-PGPUB; USPAT | OR | OFF | 2005/08/25 10:35 |
| S10 3 | 10 | dual adj tuner with digital and @ad<"20010307" | US-PGPUB; USPAT | OR | OFF | 2005/08/25 10:35 |
| S10 4 | 5 | time adj warping and tivo.as. | US-PGPUB; USPAT | OR | OFF | 2005/08/25 10:58 |
| S10 5 | 9 | midi adj instruction and @ad<"20010307" | US-PGPUB; USPAT | OR | OFF | 2005/08/25 10:58 |